SIEMENS

SIMATIC ET 200SP, BaseUnit BU15-P16+A0+2B/T, BU type A1,
Push-in terminals, without AUX terminals, bridged to the left, WxH:
15x 117 mm, with temperature acquisition

General information	
Product type designation	BU type A1
HW functional status	FS10 and higher

Supply voltage	
Rated value (DC)	24 V
external protection for power supply lines	Yes; 24 V DC/10 A miniature circuit breaker with type B or C tripping characteristic

Current carrying capacity	
For P1 and P2 bus, max.	10 A
For process terminals, max.	2 A

Hardware configuration	
Temperature sensor	Yes
Formation of potential groups	
• New potential group	No
• Potential group continued from the left	Yes

Isolation	
Isolation tested with	707 V DC (type test)

Ambient conditions

Ambient temperature during operation

• horizontal installation, min.	-30 °C
• horizontal installation, max.	60 °C
• vertical installation, min.	-30 °C
• vertical installation, max.	50 °C

Altitude during operation relating to sea level

• Installation altitude above sea level, max.	2 000 m; On request: Installation altitudes greater than 2 000 m

Accessories

Color coding labels

• for process terminals	CC00 to CC09
• for AUX terminals	does not exist
• for add-on terminals	does not exist

Connection method

Terminals

• Terminal type	Push-in terminal
• Conductor cross-section, min.	0.14 mm²; AWG 26
• Conductor cross-section, max.	2.5 mm²; AWG 14
• Number of process terminals to I/O module	16
• Number of terminals to AUX bus	0
• Number of add-on terminals	0
• Number of terminals with connection to P1 and P2 bus	2

Dimensions

Width	15 mm
Height	117 mm
Depth	35 mm

Weights

Weight, approx.	40 g
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